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A MONTHLY
MARKET
JOURNAL

SEPTEMBER
1933

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..ASBESTOS..

A MONTHLY MARKET JOURNAL DEVOTED TO THE INTERESTS OF THE ASBESTOS AND MAGNESIA INDUSTRIES

A. S. ROSSITER, *EDITOR*

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The Vermont Asbestos Corporation Milling Plant

For the next several months we will devote this particular page to interesting photographs of asbestos mills, mines or other asbestos subjects which are somewhat out of the ordinary for one reason or another.

The picture above is an excellent view of the Milling Plant of the Vermont Asbestos Corporation. This mill is located at Eden, Vermont, and the photograph shows the hilly character of its surroundings. In fact, if we look on our map of the New England States we find that Eden, and Hyde-Park, the post office nearest Eden, is located in the midst of the Green Mountains, and Mr. Behre of the Vermont Asbestos Corporation tells us that from their mill as pictured above, one can obtain a view of the valley for over thirty miles to the south.

Beautiful country, a fine mill and a warm welcome await anyone interested in Asbestos, at this, one of the most active mines in the United States at the present time. If you are sojourning that way drop in and let Mr. Byrnes, whom you will find at the mill office, show you around.

Asbestos in the Movies

By A. B. Laing

Imagine a "featured player"—a great actress—whose doings were never chronicled, whose name was never flashed in mazdas, never, in fact, mentioned. Impossible! you say. And yet, that is precisely the position in which asbestos finds itself in the movies; for the role it plays is linked with trick photography. To describe it, would, in the opinion of studio executives, dispel "audience illusion."

In vain I argued with Paul Snell of Paramount-Publix: "This magazine is mainly read by asbestos buyers, purchasing agents, etc., whose interest in pictures will thereby, likely be increased rather than lessened."

"Employees read it," he objected. "Or an asbestos man may take it home at night, leave it on the library table where wife, junior, the girls or neighbors might scan it."

So, to publicise asbestos film career here would violate a confidence, and perhaps forfeit my studio correspondent privileges. But asbestos is working in one of those rare million-dollar extravaganzas as this is written—"The Sign of the Cross." If you chance to see it you will be able to see asbestos functioning before the camera. Meanwhile you can read *(between)* the following lines:

Sheet asbestos, then, is used in "Breakaway" scenes to protect aeroplanes, autos, etc., from complete destruction after deliberate crashes. On "location," in conflagrations, it localizes fires. Nearby buildings are sometimes leased by the producers and stripped of more combustible roofing materials and asbestos shingles substituted. But it is back at the studio on the "set" where asbestos almost steals the show.

"Sets," as you know, are stage representations of building interiors, etc.—15 to 100 in each picture (a major studio may have ten pictures in simultaneous production.) "Set" wall sections are in many cases fabricated from asbestos board; for it has been found that when properly framed (about 12" O. C.) asbestos board conquers that talkie bogey—microphone reverberation.

Does stage "business" demand a real fire in a fire-

place? Then the firebox is built of asbestos board cleverly colored and scribed to simulate brick. For this purpose, Lynn Buell, purchasing agent at Paramount buys nearly 500 sheets a year. (42″ x 48″ x ¼″).

Mobile camera booths are insulated with asbestos "wool" or felt to prevent the camera's grind being recorded on the adjacent "mike." And the lights or "sun ares," of which there are sometimes 100 or more to a "set," are equipped with asbestos faced blinders or "ears" as they are called. These ears cut off or control the play of the powerful lights and because of the intense heat projected by them, the steel car shield must be completely faced with asbestos. The asbestos, in this case, is clipped to the steel by a metal strip. For this, and other such miscellaneous uses the studio buys about 50 rolls of 36″ material a year.

Asbestos has not, so far, been found entirely satisfactory for *falling* snow. *But for dressing* winter scene "sets" it is unexcelled. Down at the Fox lot in Westwood, California they are dressing an outdoor set as this is written, for a picture so far untitled. The set has been ingeniously built on the slope of a natural arroyo which bisects the "lot"; in representation of a Norwegian farmstead. Marks of a sled are plainly visible in the "snow" in the little lane which drops down to the ranch home. It and its outbuildings and about an acre of this homestead are covered with snow to a depth of about 8 inches. It piles around the buildings in drifts and above on the eaves it has been cleverly rounded. The transplanted firs and spruces too, are encrusted on their lee sides. As an ex-Canadian, I can testify that asbestos makes better snow than snow!

"Danny" Hall, the clever art director at Universal Studios made some 5000-year old cobwebs for a picture "The Mummy" in about 5 minutes—rubber cement, with asbestos sprinkled on to represent the accumulated dust of centuries. His rum-row schooner for the picture "Destinaiton Unknown" is the most elaborate and authentic "set" I've seen in Hollywood this winter. She is loaded to the guards with bootleg liquor, a good bit of the cargo is old French vintage wines, asbestos dusted.

Movie characters, in fact, drink thousands of gallons

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of wine each year, decanted from cobwebby and asbestos-dusted bottles.

While it is the fashion to ridicule Hollywood and all such of its works as "fakes," they are hardly that. It is by these means producers honestly strive for greater realism to the end that our enjoyment of their pictures shall be the greater. "Sets" and "props" the like of which the pre-Hollywood theatre never dreamed, are to the thousands of movie craftsmen, commonplaces.

At each studio there are from 5 to 20 huge "sound stages" each about 175′ x 100′ x 85′. These buildings are in most cases of double stud-wall construction on separated foundations, the space between packed with asbestos "fill" for complete isolation of extraneous noise. Since the double asbestos-filled doors are always closed during "shooting," air-conditioning is important. All these air casings are asbestos covered, of course, as are all boilers, ducts, compressor pipes. etc. Insulation is, in fact, carried to the nth degree. Why?

Because the engineer is charged to maintain temperature and humidity with absolute uniformity. His "call sheets" list the number of players, animals, etc., in each scene. From that he estimates the number of technicians participating, the number of lights and their candle-power. Hence, from these totals he can calculate the number of B. T. U.'s exhausted as his chilled air drops through the battery of lamps and company. With studio "overhead" metering along at about $2000 an hour it is obvious that "make-up" must not run and delay production; that players and technicians must be kept "peppy." With the correct insulation, this is being accomplished.

This peculiar business of picture making was born twenty years ago in an abandoned barn at the rear of a frost -bitten orange grove. In a single decade since, it purchased a billion dollars worth of building materials. Now with a payroll greater than the population of some American states it has become the sixth greatest industry in the land. Alert withal as a jackrabbit, it is quick to junk obsolete or misfit equipment and methods—founded it may have been on abstract story plots and ideas, today

HOLLYWOOD AT A GLANCE

A view of Hollywood that no tourist ever saw. It is one of the most complete "working set" pictures ever made. It shows the entire mechanics of movie-making and was snapped during production of "Roar of the Dragon," starring Richard Dix.

it rests on sober engineering and economic fact.

Find these producers a new use for asbestos which will improve the quality or reduce the expense of their pictures and you have sold a bill of goods—maybe succeeded in advancing asbestos from "featured player" to star.

The Norristown Plant Under Water in Recent Storm

Much excitement prevailed in that part of Norristown near the Schuylkill River during the recent heavy rain storm, and when the Schuylkill overflowed on August 23rd, the Norristown Magnesia & Asbestos Company experienced a serious flood.

In the afternoon of August 23rd the water became so high in Norristown's Plant that it was impossible to operate the machinery and the flood waters by midnight rose to such proportions that the entire floor area in all of the buildings was completely covered.

On Thursday morning, the 24th, the water had reached a level of thirty inches over the warehouse and shipping room floor, which was the highest point of the buildings, and was fifteen feet over the normal water level of the river.

Motors and machinery of all sorts were damaged and a large percentage of the warehouse stock was entirely ruined. It is estimated that the cost of the damage will involve $20,000.

Fortunately the waters receded before the end of the evening of the twenty-fourth so that by the next morning it was possible to put a crew of men to work to clean up. Four days were necessary for the cleaning of the floors and washing away the mud and debris left when the water receded, but the machinery and motors were not finished and put in running order for a week. Production on a normal scale did not start until Friday, September 1st.

Many competitors of the Norristown company offered help and co-operation and, to a great extent, customers were taken care of without serious delays.

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Progress of the N. R. A. Code for the Asbestos Industry

In accordance with a resolution passed by the Board of Directors of the Asbestos Institute, at a meeting on July 28th, L. H. Brown, President, and Bradley Dewey, Vice President, went to Washington on July 31st to talk over Code matters with N. R. A.

The object was to present the Code of Fair Competition for the Asbestos Industry as soon as possible, in order that the Administrator might permit the substitution of the sections on hours and wages in the Asbestos Code for certain paragraphs in the President's Re-employment Agreement. In order to get such substitutions it was first necessary to submit the full code for the Asbestos Industry.

At separate meetings of the Divisions of the Asbestos Institute, held on August 9th, the Code of Fair Competition for the Asbestos Industry (first revision)* was approved by each Division. In addition, each Division of the Institute voted unanimously to accept the substitute sections suggested by the N. R. A.

The Asbestos Code was thus filed as printed in the Code of Fair Competition for the Asbestos Industry (first revision) a copy of which has been sent to all members of the Divisions of the Asbestos Institute.

After some negotiation, the N. R. A. accepted the Asbestos Code for later hearing and agreed to the substitution of Sections III and IV (with some revision) for paragraphs 3 and 6 of the President's Re-employment Agreement.

The substituted Sections are as follows:

III. MINIMUM WAGE.

The wages that shall be paid in the Northern section by any employer to any factory worker or mechanical worker or artisan (except learners during a six weeks' apprenticeship) shall be not less than 40 cents an hour, or $16.00 per week for 40 hours of labor.

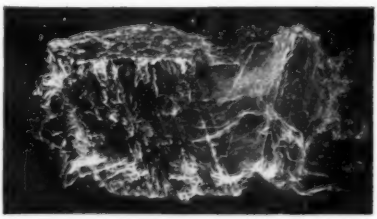
The wages that shall be paid in the Southern section by any employer to any factory worker or mechanical worker or artisan (except learners during a six weeks' apprenticeship) shall be

* Copy can be obtained from the Asbestos Institute, or from "ASBESTOS."

In the business FROM MINE TO MARKET

THE same mines which yield the uniform, strong and long-fibered chrysotile for K & M customers are the source of all asbestos used in K & M products. This company not only is supply headquarters for many large industrial concerns, but is itself manufacturer of a long and noted list of asbestos textiles, building products and insulating materials.

Because we are in the asbestos business from mine to market, and have been for sixty years, we can give intelligent attention to your own requirements. Write for samples, prices, and full explanation of our merchandising policies.



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not less than 35 cents an hour, or $14.00 per week for 40 hours of labor.

In no case shall learners be paid less than 80 percent of the minimum wage; nor more than 5 percent of the total number of employees in any establishment be classed as learners.

It is agreed that this paragraph establishes a guaranteed minimum rate of pay regardless of whether the employee is compensated on the basis of a time rate or on a piecework performance.

The Southern section shall be defined as the states of North Carolina, Tennessee, Arkansas, Oklahoma, Texas, New Mexico, and the states south thereof.

The Northern section shall be defined as that part of the United States not included in the Southern section.

IV. HOURS OF LABOR.

No factory or mechanical worker or artisan (except technicians who now receive more than $35.00 per week) shall be employed for an average of more than 40 hours a week nor more than 8 hours in any one day (with a 10 percent tolerance for engineers, electricians, firemen, shipping, maintenance and watching crews); provided, however, that to meet seasonal requirements or emergencies manufacturers may work employees a maximum of 48 hours per week, but the weekly hours for each employee for any 8 weeks period will not exceed an average of 40 hours per week.

Any member of the Asbestos Industry, whether a member of the Asbestos Institute Divisions or not may secure the N. R. A. Blue Eagle by signing the President's Re-employment Agreement, attaching, if desired, copy of the substituted paragraphs, and mailing it to the district office of the Department of Commerce; Second, complying with the provisions in the amended form; signing the Certificate of Compliance with the following endorsement:

> "To the extent of N. R. A. consent as announced, we have complied with the President's Agreement by conforming with the substituted provisions of the Code submitted for the Asbestos Industry."

Third, handing this certificate to your local postmaster, who will list your name on the "Honor Roll" and give you the N. R. A. Blue Eagle.

Branch factories or offices can obtain the Blue Eagle by having their local manager go to the post office, ask for Certificate of Compliance and sign same, whereupon the postmaster will list the branch factory or office on the local

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"Honor Roll." The endorsement above mentioned is not necessary for branch offices or factories.

By this time we have no doubt that practically everyone in the Asbestos Industry is displaying the Blue Eagle on their windows and in other prominent places, but questions will be willingly answered either by this office direct, or by the Asbestos Institute, 22 E. 40th St., New York City.

The Asbestos Industry is to be congratulated on the splendid support it has given the officers of the Asbestos Institute and the N. R. A.

Cyprus Asbestos Company--Field Report

We do not receive much news from the Cyprus Asbestos Company and its Mines, but the following, which appeared recently in the London "Financial News" will give our readers latest news of this company:

"Asbestos (Chrysotile) is produced by the Cyprus Asbestos Co. at its quarries at Amiandos on Troodos. The asbestos bearing rock is quarried, treated in primary and fibre mills, and graded into "standard," "shorts" and "fines" qualities. These are transported by an aerial ropeway of 19 miles to the coast and exported in the unmanufactured state.

"During 1932 the Company produced 1,520 tons of finished asbestos and exported 1,600 tons of an estimated value of £30,000[1]. There is no local demand for asbestos.

"A daily average of 277 persons was employed, costing a monthly average wage bill of £1,377. Labor, which is plentiful, is employed in the quarries as far as possible on contract, artisans being on a daily or monthly wage. The company continues (in 1932) to be badly affected by trade conditions and inability to market its asbestos.

[1] This information also given on page 26 under Production Statistics.

ASBESTOS
MARKET CONDITIONS

General Business.

"Trade in the primary markets, and industrial operations generally, have slackened somewhat during August after advancing between March and July to the highest level since the Spring of 1931." This is the opening sentence of the National City Bank letter for September.

Another paragraph from the same source gives most succinctly the condition found generally thruout business today, particularly in connection with N. R. A. It reads:

"The slackening in the primary markets and in the industries is accepted as inevitable, and there is little evidence that it has diminished the prevailing optimism. However, business men are facing conditions that are new in their experience. They are asked to cooperate in a program that is acknowledged to be experimental, and they are doing so not only wholeheartedly, but with genuine enthusiasm. The experience in cooperation of itself is bound to have beneficial results. But it is natural that some should be impressed by the uncertainties, and should view the forthcoming weeks as a period during which the permanence of the improvement thus far achieved will be put to the test.

"Obviously the crux of the situation is whether the higher prices that have been established at wholesale can be paid by the public at retail, as stocks in retailers' hands are replaced by higher priced goods and the advances passed on to consumers. This is a question to which there can be no answer save that of experience, for it involves the whole vast complex of economic relationships."

Asbestos.

The asbestos industry depends for its volume of business on the electrical, steel, automobile construction and other industries. While the three first mentioned are showing improvement and naturally favorably affect the Asbestos Industry, the construction industry is doing very little and up to the present time there are no very bright prospects for increased building, excepting the Government program.

The asbestos business, therefore, while it is much improved over four or five months ago, still has a long way to go to come up to 1928 or 1929 and it is unlikely, and impossible that asbestos volume will increase to the 1928 (for instance) levels until construction shows decided improvement.

Raw Asbestos.

Shipments of Asbestos are improving and importations in the United States have increased from all sources. There has been an advance in prices on Rhodesian Asbestos, due to the decline of the dollar and prices from all sources are becoming firmer.

Asbestos—Manufactured Goods.

Textiles. Volume in this market is about the same as last month; prices, however, while not increased to any extent, are holding very firm. Increased industrial operations will naturally reflect increases in the textile lines.

Brake Lining. Owing to the higher prices to be put into effect in a few weeks, brake lining business has increased quite substantially.

Insulation High Pressure. Volume is slightly better in this market, prices firm. The improvement is mostly regarded as seasonal, and of course public works always increase volume in this division of the Industry.

Insulation. Low Pressure. Business in low pressure coverings, aircell, etc., held fairly well in comparison with last month. Before the price increase went into effect, jobbers and distributors stocked up and therefore there was bound to be some slump after prices increased. However, orders received during the latter part of August indicated that materials which had gone into stock, had been used up and stock orders are now coming in at the increased prices.

Paper and Millboard. Prices on Paper and Millboard are holding firm, but reports of volume are not as favorable as in the Aircell markets.

Asbestos Cement Products. The situation in the Asbestos Cement shingle field remains about the same as in previous months with slightly less activity in August, due

ASBESTOS

King's Mine, Showing New Incline from Underground Development

ASBESTOS CORPORATION LIMITED

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QUEBEC CANADA

to the usual seasonal falling off in building material sales. Manufacturers are looking forward to greater activities during the fall months with prices firm and continuing at present levels.

The above represent the opinions of men in the industry in close touch with the various markets. We welcome at all times comments as to the market situation in any asbestos product.

Little Lessons in Selling

YOUR BEST CUSTOMERS WON'T TELL YOU

By John T. Bartlett

You wonder why you lost that sale? You had the goods the customer wanted, your price was right, the stage seemed all set for a nice contract. But you hardly had been talking two minutes when you sensed there was something wrong. The customer seemed to be cooling. He turned away, interested in papers on his desk, got up to open a window, pulled his chair away as he sat down, then finally swung on you with "Some other day. I'm too busy to talk now. Perhaps next week. Good-bye."

There was nothing to do but go.

But "Why? Why" you kept asking yourself. It was one of those lost sales which just shouldn't have been lost.

The man in his office could have told you why, but he didn't. Had he spoken his mind, he would have said: "For goodness sake, young fellow, go out and wash your mouth. Buy some peppermints. Clean your teeth. Go to the dentist. I don't care what, but get rid of that offensive breath. Stop talking into my face with that barrage of rotten cabbage, dead cats, or what have you. No, no, I don't want to buy today. I just want you to get out and stay out. GET OUT!"

Your best customers, however, won't tell you. Therefore, it is up to you to be forever on your guard against giving offense by bad breath. You may think you never offend, but you can't be sure. Carry a small bottle of antiseptic with you, and several times a day, rinse your mouth with it. Keep a nickel roll of mints in your pocket to

munch between stops. And see your dentist regularly in order that no bad teeth may keep your breath constantly foul.

Now that beer is back, remember that it is something that remains on the breath a long time. Most people won't object to the smell of it, but the country has not gone 100% wet—there are still some staunch drys to whom the smell of beer is like a red flag to a bull. A beer breath wafted into the face of an abstainer can write finish to many a sale.

Such a little thing—your breath. But on little things do big sales hinge. The successful salesman believes no impediment to a sale, no matter how minor it may seem, should be overlooked for a minute. He starts with *himself*.

A recent news clipping tells us that asbestos clothing to protect workers among acids has been invented by a Belgian. Can anyone tell us more about this? Is it really something new?

ASBESTOS

Arizona Crude ***Canadian Crude***
Italian Crude ***Russian Crude***
Rhodesian Crude
Canadian Spinning Fibre
Canadian Shingle Fibre
South African Blue Crude
South African Yellow Crude

ASBESTOS LIMITED INC.
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ASBESTOS

This page devoted to the discussion of brake lining activities by the Brake Lining Manufacturers' Association.

New York, N. Y., Aug. 14.—For some weeks the brake lining and clutch facing manufacturers have been taking steps to cooperate with the Government to increase employment and establish minimum wages. For many years a large majority of the industry have been members of the Asbestos Brake Lining Association but, as this Association has dealt largely with sales and advertising problems and the preparation of standards, rather than questions relating to labor, the Association has recently so reorganized as to cooperate more effectively with the Government.

This involved,

(1) Changing its name to Brake Lining Manufacturers' Association.
(2) Amending its By-Laws.
(3) Making a special effort to induce all manufacturers to join the Association.
(4) Electing as new officers executive officers of member companies who are empowered to commit their companies to labor and wage policies as well as to merchandising plans and codes of ethics.

The new officers of the Association are:

President, Bradley Dewey, of Multibestos Co.

First Vice-President, W. C. Dodge, Jr., of Ferodo & Asbestos, Inc.

Second Vice-President, A. S. Blagden, of Keasbey & Mattison Co.

Treasurer, D. R. Weedon, of the Russell Mfg. Co.

Directors, T. L. Gatke, of Gatke Corporation; Thomas Finigan, of American Brakeblok Corp.; M. F. Judd, of Raybestos-Manhattan, Inc.; R. J. Stokes, of Thermoid Rubber Co.

The new Association has voted to affiliate itself with the Asbestos Institute, which is made up of the five principal divisions of the asbestos industry, and has elected its President and Treasurer to the Board of Directors of the Asbestos Institute. Under this arrangement, the Brake Lining Manufacturers' Association will subscribe to the basic code of fair competition of the Asbestos Institute but will draw up its own merchandising plan and code of ethics. The general merchandising plan of the

In the Market for Large or Small Quantities of
Metallic Yarn Waste—Asbestos Textile Waste—Scrap Cloth
Yarn Cuttings — Loom Sweepings — Cardroom Strippings
NEWARK WASTE CO.
47-49-51 Adams Street NEWARK, N. J.

Asbestos Institute has already been approved in spirit by the Brake Lining Manufacturers' Association and it is understood that its terms are now being discussed with the Administration of the National Recovery Act in Washington. Committees have been working hard to complete a merchandising plan and code of ethics for the Brake Lining Manufacturers' Association and it is hoped that these will soon be ready for final action by the Association and submission to the Administration in Washington.

All manufacturers of friction materials are invited to join the Brake Lining Manufacturers' Association and it is hoped that the association will soon be operating under its own merchandising plan as well as under a general code of fair competition for the asbestos industry.

AUTOMOBILE PRODUCTION

July automobile production was somewhat lower than June, but did not show as drastic decrease as in the same period in 1931 and 1932.

Total automobile production for the United States and Canada during July 1933 was 239,628, compared with 116,615 in July 1932 and 222,710 in July 1931.

Total production in June 1933 was 259,327; in June 1932 190,218; in June 1931 was 257,475.

High-Grade Asbestos Textiles

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PACKINGS, STEM AND HIGH PRESSURE
WICK AND ROPE

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NORTH WALES, — PENNA.

CONTRACTORS AND DISTRIBUTORS PAGE

A SUBSTITUTE FOR CANVAS

Just a few days ago one of the insulation contractors wrote us asking for the opinion and suggestions of other contractors, and manuafcturers as well, on a question which had been puzzling him for some time and to which he had been unable to find a proper answer.

We are passing the question along to all our readers, and urge you to send us your ideas promptly.

The question is this:

Canvas cover on high pressure lines deteriorates rapidly and loses its life. What specification other than canvas might be suggested for outside finish of covering in that particular type of work, and what success, if any, has this alternate specification met with?

For several years low pressure coverings have to some extent done away with the canvas covering, and substituted therefor either a heavy asbestos paper, a glazed regular paper, or an aluminized asbestos crinkled paper, in fact the covering comes in several different colors. These substitutes for canvas are not only attractive but can be cleaned easily. They are especially desirable in places where the covering is exposed and where the appearance is important, such as in basement recreation rooms. Because of their cleanliness they are desirable in places which are used for storage only, such as house cellars, stock rooms, etc.

Very likely the insulation contractor, who puts the above question, has used and is using the smooth finished low pressure coverings and he sees an opportunity, in fact a need, for a similar finish in the high pressure field that is, on Magnesia, various forms of high temperature covering, sponge felt, etc. The problem presents one phase not so important in the low pressure field, and that is, that since high pressure coverings are used in factories and other places where it is subject to more or less abuse, the finish must be fairly strong—not easily broken.

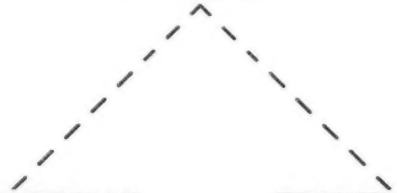
Can anyone in the Asbestos Industry answer this question? Has anyone ever used a substitute for canvas in connection with high pressure insulation, and how did it work?

Has any manufacturer or insulation contractor any ideas along this line? Have any experiments been made or are any being made, and if so, what facts have been developed?

If a satisfactory substitute for canvas on high pressure insulation can be found, would the market for such a material be sufficiently great to justify the, probable, additional expense?

RAW ASBESTOS

All Grades



RHODESIAN **TRANSVAAL** (SUPERFINE)

Samples and Prices to be obtained from

RAW ASBESTOS DISTRIBUTORS LTD.

CENTRAL HOUSE, KINGSWAY

LONDON, W. C. 2 ENGLAND

CABLES:—VULBESTON, LONDON

or from any of the following Agents:

U. S. A.	FRANCE	GERMANY & Central Europe	JAPAN
W. D. CRUMPTON & CO. 8-10, Bridge St., New York.	GEORGES PARLY 10 Rue De La Pepiniere, Paris.	BECKER & HAAG, Bernburgerstr, 31, Berlin.	C. H. NELSON 86, Yedo Machi, Kobe.

Perhaps those manufacturers who have worked out the canvas substitute for low pressure can help answer these questions. Send us your ideas promptly.

The article "What Happens When Special Price Cuts are Made?" a continuation of the one run on the Contractors & Distribtors Page in August, has been held over until the October number.

BUILDING

Contracts for construction awarded in the 37 eastern states during July totalled $82,693,100, against $102,341,900 in June and $128,768,700. Altho declines were shown in total awards when contrasted with both the preceding month and July of last year, privately financed work of all types and residential building, alone, showed good gains in July over a year ago; for privately-financed work the increase over July, 1932, was about 45%, while for residential building alone the gain was about 20%.

During the period from August 1 thru August 15, 1933 contracts awarded in the 37 eastern states amounted to $56,243,600. This figure is larger by 30 per cent than the total for the first half of July but was about 12% smaller than in the corresponding half of August, 1932.

Public works and utilities awards during the first half of August totaled $27,209,800 and compared with only $18,940,000 for the entire month of July. The above information is contained in release from the F. W. Dodge Corporation of New York City.

ASBESTOS STOCK QUOTATIONS

August 1933

	Par.	Div.	Low	High	Last
Asbestos Corpn. (Com.) New	np	–	No Sales		
Asbestos Corpn. (Income Bonds) new	1000		No Sales		
Asbestos Corpn. (Com.) Old	np	–	⅛	½	⅛
Asbestos Corpn. (Pfd). Old	100	7	No Quote		
Carey (Com).	100	–	55	60	60
Carey (Pfd.)	100	6	65	65	65
Certainteed (Com.)	np	–	4¾	5½	5¼
Certainteed (Pfd)	100	7	20	29¾	25
Garlock Packing (Com.)	np	–	11½	11½	11½
Johns-Manville (Com.)	np	–	41¼	59½	57⅜
Johns-Manville (Pfd.)	100	–	85½	105	93¼
Raybestos-Manhattan (Com.)	np	–	13	18¾	17¾
Ruberoid (Com.)	np	1	33¾	33¾	33¾
Thermoid (Com.)	np	–	6½	8½	7⅞
Thermoid (Pfd.)	100	7	30	30	30

VERMONT ASBESTOS CORPORATION

HYDE PARK · VERMONT · U. S. A.

•

Producers of quality raw asbestos suitable for the manufacture of the better grades of

SHINGLES · MILL BOARD · LUMBER

BRAKE LINING · CLUTCH FACING

ROOFING COMPOUNDS

ASBESTOS PAPER

MOULDED PRODUCTS

INSULATING CEMENTS

MINED IN THE U.S.A.

ASBESTOS

Africa (Rhodesia).

(Statistics published by Rhodesia Chamber of Mines).

	June 1933 Tons (2000 lbs.)	Value		
Bulawayo District				
Nil Desperandum (African Asb. Mng. Co. Ltd.)	292.10	£3,651	5	..
Shabanie (Rhodesia & Gen. Asb. Corp. Ltd.)	1,911.05	23,888	1	3
Shabanie adjustment to 3/31/32—undeclared		28,628	..	..
Victoria District				
King & Gath's (Rho. Gen. Asb. Corp. Ltd.)	500.10	6,251	5	..
King & Gath's adjustment to 3/31/32		29,620	..	..
	2,703.25	£92,038	11	3
June 1932	1,855.64	£23,195	11	3

Africa (Union of South).

(Statistics by Dept. Mines & Industries of U. of S. A.)

	June 1932 Tons (2000 lbs.)	Value	June 1933 Tons (2000 lbs.)	Value
Transvaal				
Amosite	74.00	£ 740	451.60	£ 4,577
Chrysotile	609.00	5,169	978.00	10,586
Cape				
Blue	103.91	1,993	156.58	3,118
	786.91	£7,902	1,586.18	£18,281

Cyprus.

According to report from the London "Financial News" production of Asbestos in Cyprus during 1932 amounted to 1,520 tons of finished material, of which 1600 tons at an estimated value of £30,000 was exported.

Canada.

(Statistics published by Bureau of Mines, Province of Quebec).

	July 1932 Tons (2000 lbs.)	July 1933 Tons (2000 lbs.)
Fibre	7,171	14,531
By-Products (Sand, gravel, etc.)	340	288

ASBESTOS

Imports Into U. S. A.

Unmanufactured Asbestos.

	June 1932 Tons (2240 lbs.)	June 1933 Tons (2240 lbs.)
Africa (Br. S.)	113	5
Africa (Port. E.)	54	..
Africa (Other Br. S.)	....	116
Canada	6,813	8,720
Italy	2	192
United Kingdom	15	.....
	6,997	9,033

Tabulation of Crudes and Fibres:

All the above importations during June 1932 were crude except the United Kingdom and Canada. Material from the United Kingdom consisted of 1 ton of Crude and 14 tons of Mill Fibre. During June 1933 the material from Italy consisted of 3 tons of Crude and the rest, 189 tons, of stucco or Lower Grades. The African Material imported during June 1933 was Crude. Canadian Material was divided as follows:

Crude	....	40
Mill Fibre	1.509	3,160
Lower Grades	5,304	5,520
	6,813	8,720
Total Value of Imports		
All Countries	$181,757	$270,394

Manufactured Asbestos Goods:

	June 1932 Value	June 1933 Value
Canada	$ 9	.....
France	746	$ 410
Germany	1,385	263
United Kingdom	1,489	1,810
	$3,629	$2,483

Exports from U. S. A.

During June 1932, 49 tons of *Unmanufactured Asbestos,* valued at $6,112 were exported; in June 1932 72 tons, valued at $2,287 were exported.

ASBESTOS

Exports of Manufactured Asbestos Goods:

	June 1932 Pounds	June 1932 Value	June 1933 Pounds	June 1933 Value
Paper, Mlbd. & Rlbd.	31,690	$ 3,511	156,208	$ 8,087
Pipe Covg. & Cement	78,939	6,373	100,667	5,222
Textiles, Yarn & Packing	48,280	27,907	91,162	38,862
Brake & Clutch Lining				
Not Molded[1]	230,309	32,399	144,571	20,749
Molded and Semi-molded		46,716		32,026
Asbestos Roofing[2]	2,825	9,647	1,129	2,097
Magnesia & Mfrs. of	106,651	7,071	34,963	2,534
Other Asbestos Mfrs.	114,975	15,651	136,220	6,809

[1] Lin. Ft. [2] Sqs.

Exports of Raw Asbestos from Canada.

	July 1932 Tons (2000 lbs.)	July 1932 Value	July 1933 Tons (2000 lbs.)	July 1933 Value
United Kingdom	102	$ 4,667	290	$ 19,892
United States	1,807	93,425	4,404	201,553
Australia	53	2,850	60	3,000
Belgium	....	.....	170	5,350
France	....	.....	164	10,118
Germany	117	4,498	359	31,315
Italy	31	3,715	.....	.....
Japan	375	17,750	790	27,513
Netherlands	22	990	22	660
Spain	22	990	....	.....
	2,529	$128,885	6,259	$299,401
Sand and Waste—				
United Kingdom	.....	.....	80	1,600
United States	3,998	61,158	6,950	101,630
Belgium	30	540	30	375
France	30	750	30	600
Germany	....	.....	70	1,400
Italy	27	675	....	.....
Japan	20	250	....	.....
Netherlands	50	1,250	....	.....
Porto Rico	30	330	71	1,430
	4,185	$64,953	7,231	$107,035
Grand Total	*6,714*	*$193,838*	*13,490*	*$406,436*

Imports and Exports from England.

Imports of Raw Material.

	Tons (2240 lbs.)	Value	Tons (2240 lbs.)	Value
Africa (Rhodesia)	332	£ 8,232	835	£16,121
Africa (Union of South)	689	12,900	793	16,790
Africa (Port. E.)	45	1,502	.....	.....
Canada	136	1,627	385	5,511
Cyprus	63	1,120	178	3,209
Germany	....	.....	.....	12
Soviet Union (Russia)	....	.....	184	3,430
United States of America	180	2,636	9	533
Italy	.....	10	..	.....
	1,445	£28,027	2,384	£45,606
Re-shipments	.....	4	16	432

Exports of Manufactured Asbestos Goods:

	July 1932 Cwts.	Value	July 1933 Cwts.	Value
To Netherlands	493	£ 2,101	920	£ 3,499
To France	963	2,785	221	2,687
To United States of America	.....	117	35	322
To British India	1,142	5,557	2,712	6,086
To Australia	336	3,163	701	5,802
To Other Countries	18,032	44,104	23,872	51,540
	20,966	£57,827	28,461	£69,936

Canada's Asbestos Plants

A report from the Dominion Bureau of Statistics, Canada, on "Manufactures of the Non-Metallic Minerals, has just been received, and we give the tabulation for Asbestos Plants below. The tabulation includes statistics for the last four years.

	1929	1930	1932	1933
No. of Plants	12	11	13	12
Capital Employed	2,949,712	2,316,645	1,112,141	2,162,608
Av. No. Employees	351	306	240	237
Salaries and Wages	359,433	401,490	302,638	248,399
Cost of Materials at works	1,348,460	1,327,025	729,771	542,586
Selling Value of Products at works	2,286,638	2,301,924	1,308,183	903,282
Value added by Mfg.	938,178	974,899	578,412	360,686

NEWS OF THE INDUSTRY

Birthdays. It is a pleasure to extend congratulations and best wishes this month, to the following gentlemen on the occasion of their birthdays: W. N. Bolster, Manager, Asbestos Covering & Textile Company, Boston, Mass., whose birthday occurs on September 20th; G. Koerner, President, Insulating & Materials Co., St. Louis, Mo., September 24th; M. William Bray, Secretary, Mohawk Asbestos Shingle Co., Inc., Utica, N. Y., September 25th; C. Stanley Morgan, Detroit, Mich., Sept. 25th; M. J. O'Malley, President, Standard Asbestos Mfg. Co., Chicago, Ill., September 26th; Fred Surridge, Manager, R. V. Aycock Co., St. Louis, Mo., September 26th; J. M. High, Sales Manager, Norristown Magnesia & Asbestos Co., Norristown, Pa., September 28th; William B. Brown, Vice President, Lotz Asbestos Co., Hartford, Conn., September 29th; O. P. Hennig, President, Hennig Asbestos & Packing Co., Chicago, Ill ., Oct. 3rd; John H. Victor, President, Illinois Philip Carey Co., Chicago, Ill., October 9th; Russell E. Crawford, Secretary, Ehret Magnesia Mfg. Co., Valley Forge, Pa., October 9th; Thos. D. Stone, President, Stone Industrial Equipment Co., Springfield, Mass., October 14th; R. J. Evans, Vice President & General Manager, Asbestos Manufacturing Co., Huntington, Ind., October 15th.

Raybestos-Manhattan, Inc., earned a profit of $292,825.10, equivalent to 14c per share on net sales of $2,727,891.23, during the quarter ended June 30, 1933, comparing with a loss of $106,727.65, upon sales of $2,155,602.80, during the same quarter in the year prior.

During the six months ended June 30, 1933, the Company earned a net profit of $229,396.59, or 36c per share, on sales of $4,512,570.75. In the same period in 1932 the Company incurred a net loss of $117,600.10 on sales of $4,516,679.29. The company has no banking or funded debt, or capital obligation senior to the Common Stock. Net Current Assets at June 30, 1933, were $6,236,601.59 of which $3,086,862.10 represented Cash and Marketable Securities. These Net Current Assets amounted to $9.70 per share on the 642,900 shares of its Common Stock issued and outstanding in the hands of the public.

The Directors declared a dividend of fifteen cents per share, payable September 15, 1933 to stockholders of record at the close of business August 31, 1933.

Asbestos Covering & Textile Co. After an absence of over a year from the Asbestos business, another old timer has returned to the fold in the person of Thomas Davies, who has recently joined the organization of the Asbestos Covering & Textile Co., at 172 High St. Boston, Mass., in the capacity of general salesman and estimator.

BLUE ASBESTOS

The "CAPE" quality of blue crocidolite, owing to great tensile strength, volume, and acid-resisting properties, has been proved to be the world's finest material for:-

(1) High Temperature Insulation
(2) Bulkheads and Fireproof Partitions
(3) Asbestos Cement Pipes
(4) Textiles
(5) Electrode Wrappings for Arc Welding

AMOSITE ASBESTOS

owing to its great length of fibre, is ideal both in economy and efficiency as a constituent for:-

85% MAGNESIA COVERINGS

Magnificent success has been achieved with the latest specialty in Amosite material, viz:-

100% AMOSITE SECTIONAL PIPE COVERINGS

AND BOILER CASINGS FOR BOTH MARINE AND POWER PLANT INSTALLATIONS

Address Enquiries to the Mine Owners and Manufacturers::

The Cape Asbestos Co Limited
Morley House 26-30 Holborn Viaduct London E.C.1.
Factory, Barking, Essex

This company is well known thruout the trade, being Approved Contractors and Distributors of Johns-Manville products.

Mr. Davies has had many years experience in the asbestos game, having been connected with Keasbey & Mattison Company for twenty-six years, starting as a clerk at Ambler in 1905 and transferring to their Boston office in 1911, continuing until 1931, at which time he severed his connection with that concern.

Norristown Magnesia & Asbestos Co. Officials of the Norristown Magnesia & Asbestos Co., desire to express their appreciation to their many fellow manufacturers who so kindly offered their assistance and co-operation during the shut-down of the factory due to the recent heavy rains and high river waters. It was because of cooperation of this sort that Norristown was able to continue to service their trade without serious delays.

Johnson's Company of Thetford Mines, P. Q., upon reading the latter part of Mr. Hinman's letter, published in July "ASBESTOS" immediately offered to Mr. Hinman, and asked us to publish the fact that they are more than willing to supply specimens of Crude and literature concerning Asbestos, to anyone desiring to use them for advertising purposes.

The recent fifty-five page booklet published by Johnson's Company and entitled simply "Producing Asbestos" is well and most pleasingly done. The booklet contains a little history of the company, the names of the grades it produces and then has about 47 pages of illustrations. The photos are outlined in green and thruout the booklet there are two motifs, line sketches of, first a man with a pick illustrating the mining of asbestos and second, a driller. The booklet makes a very nice addition to an asbestos library, and any reader of "ASBESTOS" can obtain one by addressing Johnson's Company direct or by writing to the office of "ASBESTOS" as the Company has been kind enough to send us a small stock of these booklets for distribution. We might add that the booklet is bound in gray and tied together with a piece of asbestos yarn.

"Chrysotile Asbestos in the Bajenova District, U. S. S. R." which appears in the August 1933 number of the Engineering and Mining Journal, begins a series of articles on the asbestos deposits in Russia by Walter A. RuKeyser. We will be glad to lend our copy of these articles to anyone interested.

Thermoid Company, of Trenton, N. J., and wholly owned subsidiaries report for quarter ended June 30, 1933, net profit of $103,773 after taxes, depreciation, interest, etc., equivalent after allowing for dividend requirements on 31,578 shares of 7% preferred stock, to 19 cents a share on 256,056 shares (par $1) of common stock. This compares with net loss of $103,363 in preceding quarter and net profit of $25,716 or 81 cents a share on preferred stock in June quarter of previous year.

Geo. MacLellan & Co., Ltd. It is reported that H. E. Wright has resigned his position at the London branch of G. MacLellan

& Co., Ltd., and that A. J. Dee, of their Liverpool branch has been elected to fill the post.

Articles concerning Asbestos which recently appeared in the India Rubber Journal were: Asbestos Manhole Joint in the July 29th issue and Asbestos Gloves and Gauntlets in the August 12th issue; Asbestos Woven Tubing in the August 26th issue.

Mashaba Rhodesian Asbestos Co. A meeting of the shareholders is called for September 18th to consider a reconstruction scheme which will enable the company to re-enter into full possession of its properties and provide the necessary capital for the resumption of operations. The capital is to be reduced from £150,000 to £90,000 by writing down the shares from 5/- to 3/- each. Each reduced share of 3/- will be subdivided into three shares of 1/- each, and of the 1,800,000 shares of 1/- each 600,000 are to be retained by the shareholders, the remainder being surrendered and forfeited. The capital will then be restored to £150,000 by the creation of 1,200,000 shares of 1/- each. A settlement has been reached with the Rhodesian creditors, whose claims are satisfied partly in cash and partly in shares, while other creditors' claims are satisfied in shares. The Debenture holders are accepting 1,000,000 fully paid shares of 1/- each in satisfaction of their Debentures and all interest.

A further part of the scheme is that Lubricants Limited waive repayment of the £2,000 which they provided for effecting the cash portion of the settlment with the Rhodesian creditors and will pay all outgoing and expenses of the Company since February 20, 1933. They have also contracted to secure cash subscriptions at par for up to 300,000 of the new shares of 1/- each in the reorganized capital. This will provide £15,000 in cash as fresh working capital. As consideration Lubricants Limited will receive 300,000 paid shares of 1/- each.

The Belmont Packing & Rubber Company of Philadelphia have ready for distribution their new catalog No. 33. This book contains valuable information as to constructions and applications of Belmont packings for every service. It will make a nice addition to our library of Asbestos Products.

Raw Asbestos Distributors Ltd., of London. Owing to continued ill health and the necessity to undergo an operation, A. F. Dick has resigned his appointment as Director of Raw Asbestos Distributors, Ltd.

Mr. Dick joined the Turner & Newall group when they took over the Rhodesian & General Asbestos Corporation. Prior to that Mr. Dick was Director of Hobdell, Way & Co., Ltd., for 20 years, which concern was responsible for the introduction of Rhodesian Asbestos to the market.

Manufacturas Eternit, S. A. of Barcelona, Spain. This company was formerly known as the J. M. Roviralta Ing., but name was recently changed to Manufacturas Eternit, S. A. The company manufactures Asbestos Cement Products.

PATENTS

Gasket. No. 1,917,834. Granted on July 11th to Wm. R. Gillies, Chicago, Ill., assignor to Union Asbestos & Rubber Co., Chicago, Ill. Filed March 25, 1931. Serial No. 525,174.

Described as in a gasket the combination of a woven fabric member having a pair of longitudinally extending woven bodies and a plurality of threads forming said woven bodies and forming a tape of predetermined width, said threads being adapted to be spread to pass bolts or studs.

Heat Insulating Covering. No. 1,914,648. Granted on June 20th to John H. Reese, Somerville, N. J., Assignor to Johns-Manville Corp., New York City. Filed Dec. 17, 1928. Serial No. 326,572.

Described as a heat insulating covering for pipe joints comprising a casing member having inner and outer concentric layers of heavy pliable asbestos fabric with their corresponding ends connected together by means of curved flexible strips the side edges including the line along the cutout portions and fibrous insulating material filling the casing.

Insulating Covering. No. 1,919,532. Granted on July 25th to W. E. Ryder and W. D. Reber, Kansas City, Mo., Assignors to Standard Asbestos Manufacturing & Insulating Co., Kansas City, Mo. Filed January 4, 1929. Serial No. 330,263.

Described as, in an insulating covering of the character described, a segment comprising spaced walls, spaced webs each comprising a plurality of superposed sheets of material bent back and forth to form connected ribs for supporting the walls in spaced relation and a sealer comprising cementitious material having heat resistant qualities located between the said superposed sheets to connect the sheets and form spaced ribs having double thickness.

Insulating Concrete. No. 1,920,358. Granted on August 1st to H. N. Clark, Bridgewater Township, Somerset Co., N. J., Assignor to Refractory & Engineering Corp., of New York City. Applied for Jan. 7, 1931. Serial No. 507,303.

Described as a new composition of matter for forming strong, heat insulating, non-shrinking concrete comprising an intimate mixture of 15% to 40% of a quick setting Portland Cement, 40 to 65% of mineral wool and 20 to 30% of a diatomaceous earth.

Insulating Block. No. 1,921,518. Granted on August 8th, to Ralph S. Frobisher, Portsmouth, N. H., assignor to Bemis Industries, Inc., of Boston, Mass. Filed Feb. 19, 1930. Serial No. 429,607.

Described as an insulating block for building construction comprising a light mass of fibres felted to provide material having many minute aircells the fibres being of the type which may be deposited from a water pulp, said block having exterior faces including opposite plane faces, said block having a core opening spaced from its exterior surfaces and extending thru the block fibres adjoining the opening having a preponderant direction of extent, which is tangential to its opening.

THIS AND THAT

A barn in Chester County, Pa., burned down the other day, just after the owner had put on a thousand dollar Asbestos Shingle roof, and immediately everybody rushed to the Editor to tell him about it.

In vain did we try to explain that Asbestos Shingles could not possibly save a barn when the fire started inside, but in spite of all our efforts the public continued to chuckle because a barn with an Asbestos Shingle roof burned down.

How an Asbestos Shingle Roof would be expected to prevent the starting of a fire below it we cannot imagine, and what was funny about it anyway!

Apparently the public's sense of humor is overdeveloped in some directions.

We are told that drivers of armored cars (for banks etc.,) place a shield made of some sort of asbestos material under the roof to keep out the intense heat caused by the sun beating down on the steel body of the car. Asbestos protects our money as well as our homes.

Apropos of our collecting ridiculous statements concerning asbestos. While the following statement which appeared in a recent news clipping may not be ridiculous, it is at least ambiguous and as such should be avoided: "A prepared shingle, either asphalt or asbestos, should be comparatively thick in order not to curl or crack, and also so that it may cast interesting shadows on the roof." Do the thinner asbestos cement shingles curl? We never heard that they did.

Firestone Rubber Co. have a very colorful exhibit at "A Century of Progress," one of the features being the singing color fountain. Firestone includes brake linings in their line of materials.

RU-BER-OID

YOU can now obtain from *The Ruberoid Co.* a complete line of Asbestos and Asphalt Building Products as listed below.

ASBESTOS SHINGLES
- Tapered American Method
- Hexagonal Method
- Dutch Lap Method

ASBESTOS ROOFINGS
- Smooth Surfaced

ASBESTOS PAPERS
- Commercial Paper
- Heavy Asbestos Paper (Roll Board)

ASBESTOS PIPE COVERINGS AND BOILER INSULATION
- Sectional Pipe Coverings
  - Aristo Brand
  - Imperial Brand
  - Celasbestos Brand
  - Watcocel Brand
  - Anti-sweat Brand
- Lagging Blocks
  - Aristo Laminated
  - Imperial Brand
  - Celasbestos Brand
  - Watcocel Brand

ASBESTOS MILL BOARD

ASBESTOS CORRUGATED SHEETS

ASBESTOS FLAT SHEETS

ASPHALT SHINGLES
- Units
- Strips

BUILT-UP ROOFING MATERIALS
- Asbestos Felts
- Asphalt Felts
- Tarred Felts
- Roofing Asphalt
- Bond Roofing Asphalt
- Coal Tar Pitch
- Concrete Primer

ASPHALT ROLL ROOFINGS
- Smooth-surfaced
- Mineral-surfaced

INSULATING AND SHEATHING PAPERS
- Kraft Building Papers
- Asphalt Coated
- Tarred Slaters Felts
- Red Sheathing
- Deadening Felts

The RUBEROID Co.

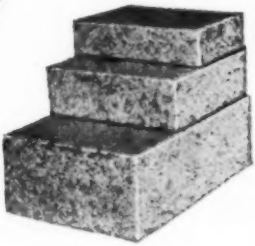
ROOFING MANUFACTURERS FOR OVER FORTY YEARS

Sales Divisions: RUBEROID MILLS — CONTINENTAL ROOFING MILLS
SAFEPACK MILLS — H. F. WATSON MILLS — ETERNIT

Offices & Factories: New York, N. Y. — Chicago, Ill.
Millis, Mass. — Erie, Pa. — Baltimore, Md. — Mobile, Ala.

85% MAGNESIA PIPE & BOILER COVERINGS.

HIGH TEMPERATURE INSULATION AND CEMENTS.



SEVERAL VALUABLE TERRITORIES OPEN FOR DISTRIBUTORS

AIR CELL, WOOL FELT, CORK, ASBESTOS CEMENT

Ehret Magnesia Manufacturing Co.

EXECUTIVE OFFICES AND FACTORIES

VALLEY FORGE, PA.

BRANCH OFFICES

NEW YORK PHILADELPHIA CHICAGO

REPRESENTATIVES

IN ALL PRINCIPAL CITIES AND COUNTRIES

THE DOUBTER

When the rivers choose to run uphill;
When the sun sets in the East;
When miracle-wise the bread will rise
Without the help of yeast;
When an automobile, minus gas,
Will still keep up its speed,
Why then the man who doubts he can
Will be likely to succeed.

So long as the rivers seek the sea
In their ever onward flow,
And the flowers turn to the light and yearn
For the sun's inspiring glow;
So long as the valiant heart holds true,
Though a hundred foes assail
And fights on still, shall the man of will
Be the one who cannot fail.

The man who "won't" is the man who "can't";
It's the man who "can't" who "won't."
He's the doubter who, when chance says, "Do!"
To his faltering self says "Don't!"
If pushing a button would win his store,
Still bare would be his shelf,
For he'd question fate the while he'd wait
For the button to push itself.

—Nixon Waterman in New Success.